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URMSTON URBAN DISTRICT COUNCIL

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# ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1970

and of the

CHIEF PUBLIC HEALTH INSPECTOR



U R M S T O N      U R B A N      D I S T R I C T      C O U N C I L

Chairman of the Council 1970-71

Councillor A.L.Brown, J.P.

HEALTH COMMITTEE 1970-71

Chairman: Councillor Mrs.G.Bryan, J.P.

Vice-Chairman: Councillor R.G.Haigh.

Councillors:-

S.Bailey

R.F.Leech

A.J.Davis

H.P.Liddiard

J.F.Egan

H.Vaughan

Mrs.R.V.Royle-Higginson, M.B.E.,J.P.

PUBLIC HEALTH DEPARTMENT STAFF

Medical Officer of Health:

W. SHARPE, B.Sc., M.B., Ch.B., D.P.H.

Chief Public Health Inspector and Cleansing Superintendent:

W. WOOD, C.S.I.B., R.S.I.M.O.F.Cert., M.A.P.H.I.

Deputy Chief Public Health Inspector:

F. G. V. RUMSEY, C.S.I.B., R.S.I.M.O.F.Cert., M.A.P.H.I.

Public Health Inspectors:

D. S. CHADWICK, P.H.I.E.B., R.S.H.M.O.F.Cert., M.R.S.H.

B. HANNA, P.H.I.E.B., R.S.H.M.O.F.Cert.

A. T. MORGAN, P.H.I.E.B., R.S.H.M.O.F.Cert., R.S.H.S.I.Cert.  
M.R.S.H.

Smoke Control Assistants:

J. A. ELSON

J. D. KEVILL

F. BANKS

Chief Clerk:

G. W. BLAKE, A.C.I.S.,

Clerks:

E. MARGERISON

(MRS) M. M. BULL

(MRS) J. M. CLOUGH

M. HEYWOOD (Commenced 23.6.1969)

REPORT OF THE MEDICAL OFFICER OF HEALTH  
FOR THE YEAR 1970  
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To the Chairman and Members of the  
Urmston Urban District Council

I have the honour to present the annual report on the health of the Urban District for the year 1970.

Population

The Registrar-General's estimate of the resident population of the district at mid-year 1970 was 43,560, an increase of 20 on the estimated population for the previous year and 492 above the census return of 1961.

Birth Rate

The total number of live births registered during the year was 750 compared with 716 during 1969; of the 750 registered births 386 were boys and 364 were girls. The adjusted live birth rate was 16.3 per thousand estimated population which was slightly above the national average for England and Wales which was 16 per thousand.

The number of illegitimate live births registered during the year was 27 accounting for only 3.6% of the total. This is considerably below the figure for 1969 and well below the average for urban populations in England and Wales.

Infant Mortality Rate

It is pleasing to report that the infant mortality rate was once again below the national average. During the year twelve children under the age of one died, giving an infant mortality rate of 16 per thousand live births. The infant mortality rate for England and Wales was 18 per thousand live births.

## Death Rate

The number of deaths registered during the year numbered 453, exactly the same as in 1969, giving an adjusted death rate of 12.7 per thousand estimated population. This figure was slightly above the average for England and Wales which was 11.7 per thousand.

Deaths from all forms of cancer were 88, 21 fewer than in the previous year. Cancer affecting the respiratory system was responsible for 25 of the deaths and although this is an improvement on previous years it is still a high proportion of the total and again emphasises the need for combining health education in the preventive field. The impact made so far on the smoking habits of the general population would appear to be minimal, but perhaps continual application to this formidable task by health educators will eventually produce results.

Ischaemic heart disease was responsible for 130 deaths, 91 men and 39 women. The incidence of this disease in the community has given cause for concern for many years, and there would appear to be very few encouraging signs on the medical horizon that the disease is likely to be brought under control in the near future. It would appear that the only preventive measures likely to have any effect on the incidence of this disease are entirely dependent on self-discipline and this in an affluent society is not easy to encourage. Nevertheless, it may be worth reiterating that known factors in the causation of this disease are:- stress (mental and physical), overeating, leading to being overweight, lack of exercise, and cigarette smoking.

## Infectious Diseases

The overall number of cases of infectious disease notified during the year showed an increase from 126 in 1969 to 517 during the year under review, accounted for practically entirely by the marked increase in the number of cases of measles notified. Four hundred and fifty-six cases of this disease were notified, compared with 63 in the previous year. The high incidence of measles would seem to indicate that so far the immunisation programme against this disease has yet to become effective in the



area, and it is sincerely hoped that in the years ahead the benefit of the present immunisation campaign will be seen.

It is somewhat unusual nowadays to record a case of typhoid fever, and the case notified in 1970 is the only case of infection with this organism notified in the district since 1961. This particular person obviously contracted the disease during a continental holiday, and does illustrate the need for special care when visiting areas where the standards of hygiene are not quite so high as they could be.

### Housing

Priority allocation of housing for health reasons continued to be dealt with as in previous years, on confidential reports from the family practitioner, along with additional information provided by Health Visitors and Social Welfare Officers.

The main demand for rehousing, as usual, came from the elderly infirm, and the physically handicapped in need of ground floor accommodation.

It is extremely difficult to see any diminution in this demand in the years ahead with a growing elderly population, and an increasing awareness within the community of the needs of the physically handicapped. It does seem that one of the greatest contributions that the local authority can make to the welfare, and quality of life, of the aged is to provide housing accommodation suitable for their needs, and this would of course include further provision of sheltered housing with warden supervision and communal facilities.

In conclusion I should like to record my appreciation of the help I have received from the staff of the health department throughout the year and the valuable co-operation received from other departments.

To the Chairman and members of the Health Committee I offer my sincere thanks for their support and encouragement.

I have the honour to be,

Your obedient servant,

W. SHARPE.

Medical Officer of Health

# STATISTICAL SUMMARY

Area (Statute Acres).....	4,799
Registrar-General's Estimate of Resident Population mid 1970.....	43,560
(Census, 1961) .....	43,068
(Census, 1951) .....	39,237
Occupied Houses at 31st December 1970.....	14,839
Unoccupied Houses at 31st December, 1970.....	<u>208</u>
Total.	15,047
Structurally Separate Dwellings Occupied (Census 1961).....	13,903
Persons per Acre.....	9.0
Number of Families or Separate Occupiers (Census 1961).....	14,040
Rateable Value (31st December 1970).....	£3,113,070
Product of ld. Rate (31st March, 1971).....	£12,710

# VITAL STATISTICS 1970

## Live Births:

	M	F	Total
Legitimate.....	374	349	723
Illegitimate.....	<u>12</u>	<u>15</u>	<u>27</u>
Total...	<u>386</u>	<u>364</u>	<u>750</u>

Live Birth Rate per 1,000 estimated population(adjusted) 16.3

## Still Births:

	M	F	Total
Legitimate.....	2	6	8
Illegitimate.....	<u>-</u>	<u>-</u>	<u>-</u>
Total...	<u>2</u>	<u>6</u>	<u>8</u>

Still Birth Rate per 1,000 total births..... 11

Deaths:..... 453

Death Rate per 1,000 estimated population (adjusted)..... 12.7

Deaths from Pregnancy, Childbirth and Abortion..... Nil

## Deaths of Infants under 1 year of age:

	M	F	Total
Legitimate.....	6	6	12
Illegitimate.....	<u>-</u>	<u>-</u>	<u>-</u>
Total...	<u>6</u>	<u>6</u>	<u>12</u>

Infant Mortality Rate per 1,000 live births..... 16

## Deaths of Infants under 4 weeks of age:

	M	F	Total
Legitimate.....	5	2	7
Illegitimate.....	<u>-</u>	<u>-</u>	<u>-</u>
Total...	<u>5</u>	<u>2</u>	<u>7</u>

Neo-Natal Mortality Rate per 1,000 live births..... 9

## Deaths of Infants under 1 week of age:

	M	F	Total
Legitimate.....	5	2	7
Illegitimate.....	<u>-</u>	<u>-</u>	<u>-</u>
Total...	<u>5</u>	<u>2</u>	<u>7</u>

Early Neo-Natal Mortality Rate per 1,000 live births.... 9



VITAL STATISTICS  
ENGLAND AND WALES 1970

Estimated Mid-Year Home Population 48,987,700

	Number	Rate
Live Births	784,482	16.0 per 1,000 population
Stillbirths	10,341	13.0 per 1,000 total births
Deaths	575,208	11.7 per 1,000 population
Infant Mortality	14,269	18.0 per 1,000 live births
Neonatal Mortality	9,603	12.0 per 1,000 live births
Early Neonatal Mortality	8,328	11.0 per 1,000 live births
Perinatal Mortality	18,669	23.0 per 1,000 total births

CAUSES OF DEATH DURING THE YEAR

	Males	Females	Total
Tuberculosis, respiratory	1	-	1
Tuberculosis, non-respiratory	-	1	1
Malignant neoplasm, oesophagus	3	-	3
Malignant neoplasm, stomach	8	1	9
Malignant neoplasm, intestine	3	10	13
Malignant neoplasm, larynx	1	-	1
Malignant neoplasm, lung, bronchus	21	3	24
Malignant neoplasm, breast	-	10	10
Malignant neoplasm, uterus	-	1	1
Malignant neoplasm, prostate	1	-	1
Malignant neoplasm, (other sites)	12	10	22
Leukaemia	2	-	2
Diabetes Mellitus	-	3	3
Anaemias	-	1	1
Diseases of nervous system	3	2	5
Chronic Rheumatic heart disease	2	4	6
Hypertensive disease	4	6	10
Ischaemic heart disease	91	39	130
Other forms of heart disease	10	11	21
Cerebrovascular disease	19	29	48
Other diseases of circulatory system	12	22	34
Influenza	-	2	2
Pneumonia	13	15	28
Bronchitis and emphysema	15	3	18
Asthma	-	1	1
Other diseases of respiratory system	3	2	5
Peptic Ulcer	1	-	1
Intestinal obstruction and hernia	-	2	2
Other diseases of digestive system	2	2	4
Nephritis and nephrosis	3	1	4
Other diseases of genito-urinary system	-	4	4
Hyperplasia of prostate	1	-	1
Diseases of musculo-skeletal system	-	4	4
Congenital anomalies	3	4	7
Birth Injury, difficult labour, etc.	2	1	3
Ill defined diseases	-	1	1
Motor vehicle accidents	4	1	5
All other accidents	1	8	9
Suicide and self-inflicted injuries	3	-	3
All other external causes	1	1	2
	<u>246</u>	<u>207</u>	<u>453</u>

AGE AND SEX INCIDENCE OF DEATHS

Age	Males	Females	Total
Under 4 weeks	5	2	7
1 yr.	1	4	5
1 - 4 yrs.	2	3	5
5 - 14 "	-	1	1
15 - 24 "	2	-	2
25 - 34 "	4	-	4
35 - 44 "	4	6	10
45 - 54 "	16	7	23
55 - 64 "	57	27	84
65 - 74 "	86	50	136
75 and over	69	107	176
Total	246	207	453

# INFANT MORTALITY

Year	URMSTON		ENGLAND AND WALES
	Infant Deaths	Infant Mortality Rate per 1000 Live Births	Infant Mortality Rate per 1000 Live Births
1933	13	41	64
1934	21	46	59
1935	15	33	57
1936	22	47	59
1937	31	58	58
1938	14	26	53
1939	27	48	50
1940	24	45	55
1941	34	65	59
1942	34	63	49
1943	37	56	49
1944	37	49	46
1945	18	29	46
1946	21	30	43
1947	28	33	41
1948	20	29	34
1949	21	31	32
1950	13	21	29.8
1951	7	10	29.6
1952	11	21	27.6
1953	9	14	26.8
1954	22	35	25.5
1955	16	25	24.9
1956	22	34	23.8
1957	15	20	23.0
1958	11	16	22.5
1959	13	18.2	22.0
1960	15	19.9	21.7
1961	14	18.1	21.4
1962	22	26.5	21.4
1963	15	17.5	20.9
1964	16	18.9	20.0
1965	11	14.2	19.0
1966	13	17.4	19.0
1967	20	28.0	18.3
1968	8	11.0	18.3
1969	7	10.0	18.0
1970	12	16.0	18.0

# INFANT MORTALITY

Causes of Death of Infants under One Year of Age

Cause of Death	Under 1 Mth.	1 Mth.	2 Mths.	3 Mths.	4 Mths.	5 Mths.	6 Mths.	7 Mths.	8 Mths.	9 Mths.	10 Mths.	11 Mths.	Total
Subarachnoid Haemorrhage	-	-	-	-	-	-	-	1	-	-	-	-	1
Interstitial Pneumonitis	-	-	-	-	-	-	-	1	-	-	-	-	1
Congenital Heart Disease	-	1	-	-	-	1	-	-	-	-	-	-	2
Acute Bronchiolitis	-	-	-	-	-	-	1	-	-	-	-	-	1
Prematurity	3	-	-	-	-	-	-	-	-	-	-	-	3
Respiratory Failure	1	-	-	-	-	-	-	-	-	-	-	-	1
Anencephaly	1	-	-	-	-	-	-	-	-	-	-	-	1
Encephalocele	1	-	-	-	-	-	-	-	-	-	-	-	1
Congenital Abnormalities	1	-	-	-	-	-	-	-	-	-	-	-	1
Total	7	1	-	-	-	1	1	2	-	-	-	-	12



MATERNAL MORTALITY

Year	URMSTON		ENGLAND AND WALES
	Number of Maternal Deaths	Maternal Mortality Rate per 1000 Total Births	Maternal Mortality Rate per 1000 Total Births
1933	1	3.06	4.23
1934	1	2.11	4.41
1935	3	6.32	3.93
1936	3	6.10	3.81
1937	6	10.83	3.11
1938	1	1.79	3.08
1939	Nil	-	2.93
1940	2	3.57	2.16
1941	1	1.85	2.23
1942	4	7.05	2.01
1943	2	2.93	2.29
1944	2	2.60	1.93
1945	Nil	-	1.79
1946	Nil	-	1.43
1947	1	1.18	1.17
1948	Nil	-	1.02
1949	2	2.91	0.98
1950	1	1.57	0.86
1951	1	1.62	0.79
1952	Nil	-	0.72
1953	Nil	-	0.76
1954	Nil	-	0.69
1955	1	1.55	0.64
1956	1	1.49	0.56
1957	Nil	-	0.47
1958	1	1.42	0.43
1959	Nil	-	0.38
1960	Nil	-	0.39
1961	1	1.27	0.33
1962	Nil	-	0.35
1963	1	1.15	0.28
1964	1	1.15	0.25
1965	1	1.28	0.25
1966	Nil	-	0.26
1967	Nil	-	0.20
1968	Nil	-	0.24
1969	1	1.37	0.19
1970	Nil	-	0.14

DEATHS FROM CANCER

Site of Disease and Age

Site	All Ages (years)	Age in Years					
		25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Oesophagus	3	-	-	-	1	1	1
Stomach	9	1	2	-	1	3	2
Intestine	13	-	-	-	4	3	6
Larynx	1	-	-	-	-	-	1
Lung & Bronchus	26	-	1	1	9	9	6
Breast	10	-	-	2	3	4	1
Uterus	1	-	-	-	1	-	-
Prostate	1	-	-	-	1	-	-
Leukaemia	2	-	-	-	-	1	1
Other	22	-	-	1	5	13	3
Totals	88	1	3	4	25	34	21

## PUBLIC HEALTH LABORATORY SERVICE

Facilities for the examination of pathological and bacteriological specimens are provided at the Public Health Laboratory situated at Withington Hospital, Manchester.

One hundred and seventy-three examinations were carried out during the year, made up as follows:-

Tinned Meat.....	4
Ice Cream.....	6
Milk:-	
Methylene Blue Test.....	4
Phosphatase Test.....	4
Turbidity Test.....	2
Milk Powder.....	10
Faeces.....	132
Urine.....	2
Blood.....	4
Nasal Swab.....	5

## DRAINAGE AND SEWERAGE

The Flixton sewage disposal works has continued to give a high standard of effluent in spite of difficulties being experienced with sludge drying and disposal. These, and other problems are receiving attention by a Sludge Disposal Consortium which is currently investigating sludge disposal in the Greater Manchester area.

Work of repair and replacement to the old Trafford Park sewer has progressed satisfactorily and the work has now reached a very advanced stage with a minimum of disturbance to industry generally.

As a result of more regular inspections, less trouble has been experienced with stoppages, especially outside the industrial area.

A length of unsatisfactory piped watercourse at Brooklyn Avenue, Flixton, has been relaid thereby eliminating one of the regular trouble spots in the district.

### SWIMMING BATHS

During the year five samples of water from the swimming pool were submitted for chemical analysis and one sample was taken for bacteriological examination, all of which were satisfactory.

### SANITARY ACCOMMODATION

No. of Middens.....	Nil
" " Privy Closets.....	Nil
" " Pail Closets.....	Nil
" " Dry Ashpits (excluding middens)....	Nil
" " Movable Ashbins for Refuse.....	15,980
" " Trough Closets.....	Nil
" " Waste-water Closets.....	1
" " Fresh-water Closets.....	16,200

### FACTORIES ACT 1967

Action taken by the public health inspectors in relation to the provision and proper maintenance of sanitary conveniences in mechanical factories and also in respect of cleanliness, drainage of floors, overcrowding, temperature, ventilation and sanitary accommodation in non-mechanical factories are given in the tables on page sixteen.

There were eighteen outworkers resident in the district engaged in the making of wearing apparel.

# FACTORIES ACT, 1961

## PART I

### Inspections for Purposes of Provisions as to Health

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
Factories without mechanical power	6	8	Nil	Nil
Factories with mechanical power	150	190	Nil	Nil
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises)	8	8	Nil	Nil
<b>Total</b>	<b>164</b>	<b>206</b>	<b>Nil</b>	<b>Nil</b>

### Cases in which Defects were Found

Particulars	Number of Cases				Occu- piers prose- cuted
	Found	Reme- died	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (Sec.1)	-	-	-	-	-
Overcrowding (Sec.2)	-	-	-	-	-
Unreasonable tempera- ture (Sec.3)	-	-	-	-	-
Inadequate ventilation (Sec.4)	-	-	-	-	-
Ineffective drainage of floors (Sec.6)	-	-	-	-	-
Sanitary Conveniences (Sec.7)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences	-	-	-	-	-
Total	Nil	Nil	Nil	Nil	Nil



## H O U S I N G

(1) Number of new dwellings erected during the year:-

	Houses	Flats
(i) By the Council	Nil	20
(ii) By other local authorities	Nil	Nil
(iii) By other bodies or persons	88	20

(2) Total number of Council-owned dwellings at end  
of year..... 2,537

(3) Inspection of dwelling-houses during the year:-

(i) (a) Total number of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts).....	460
(b) Number of inspections, formal or informal, made for the purpose.....	885
(c) Number of dwelling-houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit.....	390
(ii) Dwelling houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit.....	21

(4) Clearance Areas

Number of dwelling houses demolished during the year:-

(a) Houses unfit for human habitation.....	8
(b) Number of persons displaced.....	Nil
(c) Number of families displaced.....	Nil
(d) Houses on land acquired under Sec.43(2) Housing Act 1957.....	Nil

(5) Houses NOT included in Clearance Areas:-

Houses demolished as a result of formal or informal procedure under Section 16 or Section 17(1) Housing Act,1957.....	Nil
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(6) Unfit Houses Closed.....	1
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(7) Unfit Houses Made Fit:-

(a) By owners after informal action by the Local Authority.....	5
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(b) After service of formal notice under Public Health Acts.....	8
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(c) After service of formal notice under Housing Acts.....	Nil
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(8) Unfit Houses in Temporary Use (Housing Act,1957):-

Number of houses at end of year retained for temporary accommodation (Sections 48,17(2), 46)..<	Nil
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Number of houses at end of year licensed for temporary occupation (Sections 34 or 53).....	Nil
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(9) Purchase of Houses by Agreement:-

Houses in Clearance Areas, other than those included in Confirmed Orders or Compulsory Purchase Orders.....	Nil
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- (10) Housing Act (Financial Provisions) Act, 1958 and Housing Act, 1969 - Improvement Grants, etc.

Action during the year:-

(i) Submitted by private individuals to Local Authority (owner-occupiers).....	27
(ii) Approved by Local Authority (owner-occupiers)	3
(iii) Submitted by Local Authority to Ministry.....	Nil
(iv) Formally approved by Ministry.....	Nil
(v) Work completed.....	1
(vi) Additional separate dwellings included in (v) above.....	Nil
(vii) Any other Action taken under the Acts.....	Survey of Improvement Area anticipated.

- (11) House Purchase and Housing Act 1959 and Housing Acts 1961, 1964 and 1969 - Standard Grants:-

	<u>Owner/Occr.</u>	<u>Others</u>
(i) Applications submitted to Local Authority.....(Full Standard)	30	3
(ii) Applications approved by Local Authority.....(Full Standard)	21	3
(iii) Work completed.....	14	Nil
(iv) No action taken relating to Compulsory Improvement of Dwellings.		

- (12) Housing Act 1957, Section 92:-

Action taken during the year..... Land Acquired

- (13) Number of back-to-back houses..... Nil

- (14) Number of Houses without through-ventilation..... Nil

(15)	Number of Camping Sites.....	Nil
(16)	Number of Caravans permanently occupied.....	Nil
(17)	Number of Common Lodging Houses.....	Nil
(18)	Number of Underground Rooms.....	Nil
(19)	Number of Canal Boats inspected.....	Nil
(20)	Sufficiency of Supply of Houses:- Number of families on waiting list for Council houses at 31st December, 1970.....	775
(21)	Number of Houses without satisfactory internal water supply.....	Nil
(22)	Number of Houses without separate closet accommodation.....	Nil

# FOOD AND DRUGS ACT 1955

During the year, one hundred and twenty-three samples were sent to the public analyst for examination and details of these are given in the following table:-

Tinned Meat Products	...	...	...	...	...	27
Tinned Fruit/Vegetables	...	...	...	...	...	11
Sauce	...	...	...	...	...	8
Milk	...	...	...	...	...	7
Soft Drinks	...	...	...	...	...	6
Spirits (formal)	...	...	...	...	...	6
Cheese/Cheese Spread	...	...	...	...	...	5
Butter	...	...	...	...	...	5
Tinned Fish	...	...	...	...	...	5
Meat Products	...	...	...	...	...	3
Bread	...	...	...	...	...	3
Fish Products	...	...	...	...	...	2
Tinned Soup	...	...	...	...	...	2
Dried Milk Powder	...	...	...	...	...	2
Biscuits	...	...	...	...	...	2
Jelly	...	...	...	...	...	2
Pie Filling	...	...	...	...	...	2
Cake Mix	...	...	...	...	...	2
Rye Bread	...	...	...	...	...	2
Pies	...	...	...	...	...	2
Cheese Powder	...	...	...	...	...	2
Flour Confectionery	...	...	...	...	...	2
Earth Nuts	...	...	...	...	...	1
Lemon-Pepper Seasoning	...	...	...	...	...	1
Sage and Onion Stuffing	...	...	...	...	...	1
Groats	...	...	...	...	...	1
Spices	...	...	...	...	...	1
Raw Fish	...	...	...	...	...	1
Dried Peas	...	...	...	...	...	1
Ground Rice	...	...	...	...	...	1
Baked Beans with Pork Sausages	...	...	...	...	...	1
Baked Beans with Frankfurters	...	...	...	...	...	1
Blancmange	...	...	...	...	...	1
Instant Dessert	...	...	...	...	...	1
Angel Delight	...	...	...	...	...	1
Trifle	...	...	...	...	...	1
Strained Bone and Vegetable Broth	...	...	...	...	...	1
Total						<u>123</u>



The samples which were reported as not being up to standard were as follows:-

Two Samples of Roast Tongue

Beef Pie

Roast Beef

Chemical and bacteriological examination showed all four samples were putrifying and in the opinion of your Analyst, unfit for human consumption.

Lambs Tongues

A sample of Lambs Tongues consisted of Lambs Tongues in agar jelly, these should in the opinion of your Analyst, be labelled "Lambs Tongues in Jelly". A further sample was, however, satisfactory.

Irish Corned Beef with Cereal

A sample of Irish Corned Beef with Cereals. The can showed signs of staining and corrosion, and the contents had a fatty odour.

Fruit Flan

Stuffed Pork Roll

The above samples contained a wasp and a rove beetle respectively. As a result of my examination, including enzymic tests, I am of the opinion both insects had undergone a heating process.

Corned Beef

The sample was discoloured due to iron contamination. The inside of the tin was badly stained and corroded.

Two Samples of Bread

The samples contained hessian fibres and a piece of bent wire respectively.

Grapefruit in Syrup

The tins were badly stained and the grapefruit showed a distinct dark yellow discoloration. Gas was also present in the tin.

### Two Samples of Fruit Cocktail

The list of ingredients were given in alphabetical order as follows:- cherries, colouring, grapes, peaches, pears, pineapple, sugar, syrup. The cans actually contained Pimentos or Red Peppers.

### Jam Sponge Cake

### Bone and Vegetable Broth

Both samples were contaminated with mould growth.

One complaint sample calls for special comment, namely, a sample of raw fish, the complaint being of an unpleasant odour, much of this disappeared on washing. Chemical tests indicated that as regards "freshness" it could only be classed as borderline.

# INFECTIOUS DISEASES

## Acute Poliomyelitis

The following table gives the incidence of poliomyelitis since 1933:-

Year	Age incidence under 1 year				Over 1 year						Total
	0-2 mths	3-5 mths	6-8 mths	9-11 mths	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 yrs.	6+ yrs.	
1933	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	1	1
1935	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	1	-	-	1	-	1	-	-	3
1937	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	1	-	-	-	-	1
1939	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	1	-	-	-	1
1943	-	-	-	-	-	-	-	-	-	1	1
1944	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	4	3	1	-	9	17
1948	-	-	-	-	1	-	-	-	-	-	1
1949	-	-	-	-	-	-	-	-	-	7	7
1950	-	-	-	-	1	-	-	-	-	8	9
1951	-	-	-	-	-	-	-	-	-	1	1
1952	-	-	-	-	-	1	-	-	-	1	2
1953	-	-	-	-	1	2	2	1	1	4	11
1954	-	-	1	-	1	-	-	-	-	1	3
1955	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	1	-	2	-	-	1	4
1957	-	-	-	-	-	2	-	-	-	2	4
1958	-	-	-	-	-	-	-	-	1	-	1
1959	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	1	1
1962	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-

CASES OF INFECTIOUS DISEASES NOTIFIED

Disease	Total Cases at all ages	AGE PERIODS - YEARS										65 and over
		0-	1-	2-	3-	4-	5-	10-	15-	25-	45-	
Food Poisoning	11	-	-	-	-	-	3	-	4	-	4	-
Infective Jaundice	25	-	-	2	-	-	2	3	6	10	2	-
Measles	456	17	40	72	79	66	173	6	3	-	-	-
Typhoid Fever	1	-	-	-	-	-	-	-	-	-	1	-
Scarlet Fever	10	-	-	1	-	-	8	1	-	-	-	-
Tuberculosis - (Respiratory)	6	-	-	-	-	-	-	-	-	1	3	2
Tuberculosis - (Other)	1	-	-	-	-	-	-	-	-	1	-	-
Whooping Cough	7	2	1	2	-	-	2	-	-	-	-	-
Total	517	19	41	77	79	66	188	10	13	12	10	2

INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS)  
NOTIFIED EACH MONTH

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Food Poisoning	-	-	-	-	-	2	4	-	2	1	1	1	11
Infective Jaundice	-	-	2	1	3	-	6	4	4	3	2	-	25
Measles	2	8	25	58	134	76	91	42	15	2	2	1	456
Typhoid Fever	-	-	-	-	-	-	-	-	1	-	-	-	1
Scarlet Fever	2	1	-	3	-	1	-	-	-	2	1	-	10
Whooping Cough	-	-	-	-	-	1	-	-	3	1	-	2	7
Total	4	9	27	62	137	80	101	46	25	9	6	4	510



NOTIFICATIONS OF INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS) 1961-70

Disease	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961
Scarlet Fever	10	13	7	10	21	27	11	2	7	13
Typhoid Fever	1	-	-	-	-	-	-	-	-	1
Paratyphoid Fever	-	1	-	-	-	6	-	-	1	10
Pneumonia (Acute Primary and Acute Influenzal)	-	-	-	5	3	2	-	2	23	5
Meningococcal Infection	-	-	-	-	-	-	-	-	1	-
Dysentery	-	9	13	549	4	3	33	8	100	249
Erysipelas	-	-	-	2	1	1	-	-	1	1
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	1
Measles	456	63	199	607	514	363	607	765	62	801
Whooping Cough	7	8	4	96	10	15	23	8	1	7
Infective Hepatitis	25	22	14	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	1
Food Poisoning	11	2	4	9	-	-	-	4	10	51
Acute Encephalitis	-	-	-	1	-	-	-	-	-	-
Total	510	126	241	1279	553	417	674	789	206	1140

TUBERCULOSIS

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M	F	M	F	M	F	M	F
Under 5 years	-	-	-	-	-	-	-	-
5-14 yrs.	-	-	-	-	-	-	-	-
15-24 "	-	-	-	-	-	-	-	-
25-44 "	-	-	1	-	-	-	-	-
45-64 "	3	1	-	-	1	-	-	-
65 and over	1	1	-	-	1	-	-	-
	4	2	1	-	2	-	-	-
Total	6		1		2		Nil	

# TUBERCULOSIS

## New Cases and Mortality 1933-70

Year	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
1933	10	12	7	9	5	3	-	1
1934	17	8	11	5	6	7	3	2
1935	12	7	4	6	4	6	3	-
1936	12	11	6	8	5	2	1	1
1937	10	16	10	7	6	8	2	3
1938	17	11	9	12	7	4	3	2
1939	18	14	11	9	7	4	4	-
1940	22	14	9	8	10	9	-	1
1941	18	10	7	10	3	2	2	1
1942	19	10	10	8	1	1	1	1
1943	19	10	16	12	4	-	1	1
1944	13	12	5	7	9	3	1	1
1945	17	11	6	10	5	4	2	1
1946	20	8	2	1	10	4	-	1
1947	15	5	4	7	4	4	-	2
1948	17	10	3	5	5	4	-	1
1949	12	12	1	6	5	6	-	-
1950	13	6	-	2	6	-	2	-
1951	18	8	4	1	5	1	1	-
1952	16	5	2	1	6	2	-	-
1953	12	12	2	3	4	-	-	-
1954	11	7	-	4	4	1	1	-
1955	6	5	-	1	1	-	-	-
1956	13	6	1	-	6	1	-	-
1957	7	5	-	1	-	-	-	-
1958	9	5	-	2	1	-	-	-
1959	4	6	1	-	1	1	-	-
1960	4	-	-	-	1	-	-	-
1961	4	3	-	-	1	-	-	1
1962	6	3	1	-	3	1	-	1
1963	4	-	1	-	1	-	-	-
1964	5	1	-	1	2	1	-	-
1965	11	3	-	-	-	-	-	-
1966	7	-	-	1	1	-	-	-
1967	4	1	-	1	-	-	-	1
1968	5	1	-	1	1	-	1	-
1969	2	5	-	1	1	-	-	1
1970	4	2	1	-	2	-	-	-

ANNUAL REPORT  
of the  
CHIEF PUBLIC HEALTH INSPECTOR  
for the  
YEAR ENDING 31ST DECEMBER, 1970

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To the Chairman and Members of the  
Urban District Council of Urmston.

Ladies and Gentlemen,

Herewith is the annual report on the work of the  
inspectorial and cleansing sections of the public health  
department.

The year has certainly not been without incident, for the  
usual troubles and untoward happenings have been legion. Such  
comment as is thought necessary can be found under the main  
heads of the report.

I wish to place on record my thanks to all members of the  
department for their work and co-operation during the year, and  
for the help and assistance which has been freely given to me by  
the Medical Officer of Health and for the understanding of the  
Chairman of the Health Committee.

I am, Ladies and Gentlemen,  
Your obedient servant,

WILLIAM WOOD,  
Chief Public Health Inspector  
and Cleansing Superintendent.

## THE INVESTIGATION OF COMPLAINTS

The table set out below gives some idea as to the scope and extent of the work of the department in the investigation and supression of nuisances. Complaints increased during the period and although these were not invariably confirmed in all cases it was possible to take some action even if this was only by way of advice.

Nature of Complaint	Number Received	Confirmed
Accumulations	51	37
Animals, Poultry, etc.	24	10
Atmospheric Pollution (all sources)	28	27
Dirty Premises	1	1
Factories	1	1
Flooding	31	31
Food	20	15
Housing Defects	80	64
Noise	11	7
Obstructed Drains	55	53
Overcrowding	3	-
Other Vermin	324	322
Rats and Mice	342	300
Miscellaneous	45	23
Total	1016	891



### NOTICES

Notices served during the year comprised:-

Informal

81

Statutory

73

Work, or other action, was executed without notice at one hundred and ninety premises.

### LEGAL PROCEEDINGS

Legal proceedings were successfully instituted in three cases.

# INSPECTION OF THE DISTRICT

The total number of visits made by the Council's Public Health Inspectors for all purposes is detailed below. It must be reiterated that although this table gives an assessment of the character and some extent of the work it is not in itself an accurate criterion, as the investigation of one complaint may sometimes take days, whereas another is resolved in minutes.

Accumulations	203
Animals, etc.	127
Caravans, etc.	35
Containerbase & container inspections other services	549
Dairies, Milk Shops, etc.	3
Drainage Works (New Buildings)	1,305
"    "    (Existing Buildings)	677
Dwelling Houses - re Complaints	648
re Overcrowding	6
re Infectious Diseases	224
re Dirty and Verminous	31
re Housing Acts	511
re Rent Act	5
re Standard Grants	164
re Discretionary Grants	106
re Miscellaneous	94
Factories, (Mechanical, Non-Mechanical, Outworkers)	289
Flooding of Cellars, etc.	48
Food Premises	1,202
Hairdressers	8
Ice-Cream Premises, Vehicles, etc.	6
Interviews with Owners, Contractors, etc.	517
Market, Fairs, etc.	50
Mortuary	1
Noise	116
Offices, Shops and Railway Premises	11
Petroleum	157
Public Cleansing - Council Refuse Tip	177
Other Visits	375
Private Tips	48
Council Transport (Refuse)	41
Public Conveniences and Conveniences in Licensed Premises and Food Premises	115
Licensed Premises	25
Rodent Control and Disinfestation	469
Sampling Visits	72
Food Complaints	55
Schools	60
Sewers	678
Shops Act	8
Smoke Control and Atmospheric Pollution	572
Swimming Baths (Water Samples and General Visits)	19
Special Visits - Work in Progress, etc.	233
Miscellaneous	375
	<u>10,415</u>
Smoke Control Areas - Visits made by Survey Assistants	<u>2,816</u>
TOTAL	<u>13,231</u>

# H O U S I N G

Housing Acts 1957 - 1969

The following table shows the work carried out by Public Health Inspectors during the year under this head:

(a) <u>CLEARANCE AREAS AND INDIVIDUALLY UNFIT HOUSES</u>					
Action and Number of Houses			Inspected	Reported or Represented	Result
C.A.	-	5	1969	1969	Demolished 1970
C.A.(CPO)	-	3	1969	1969	Demolished 1970
I.U.H. S9(1)(A)-		1	1969	1970	Works carried out in default
I.U.H. S9(1)(A)-		1	1970	1970	Works carried out by owner
I.U.H. S16-		1	1970	1970	Pending
(b) Standard Grant Applications					= 33
(c) Discretionary Grant Applications					= 27
(d) Special Grant Applications					= 1
(e) Qualification Certificate Applications					= 281

NOTE: Statutory Housing Table - see Medical Officer's Report pages numbered seventeen to twenty, inclusive.

# Housing Defects (Detailed Analysis)

Description	Out-standing 1969	Recorded	Remedied	Out-standing 1970
Ceiling Plaster	8	10	13	5
Dampness	38	14	25	27
Eavesgutters R.W.P.'s etc.	17	52	44	25
Fireplaces, Grates, Chimneys, etc.	3	44	24	23
Floors	2	3	2	3
Roofs	18	51	38	31
Sinks, Lavatory Basins, etc.	-	2	2	-
Walls (pointing etc.)	37	111	86	62
Walls, Plaster	11	5	15	1
W.C.'s Soilpipes, etc.	-	10	5	5
Windows	52	99	76	75
Woodwork	4	12	8	8
Yards, Paths	2	4	1	5
Miscellaneous	13	31	22	22
Total	205	448	361	292

The foregoing figures do not include defects found in dwellings inspected under the following heads:-

Qualification Certificate Applications  
Clearance Areas and Individual Unfit Houses  
Standard, Discretionary and Special Grants



## INSPECTION AND SUPERVISION OF FOOD

### Food and Drugs Act 1955

On the 16th January, 1970 a communication was received from the Town Clerk of Salford indicating that the Salford Health Committee had decided to close down their Public Analyst's Department, which action left the Urmston authority without facilities for the examination and analysis of food and drug samples. On the 16th April 1970, with consent of the Minister, the Council appointed Mr. G. H. Baker of Messrs. Melling and Ardern to act in the capacity of Public Analyst for the urban district.

The appointment ended a lengthy period during which the department was unable to carry out the normal statutory functions required under the Act, but since that time every endeavour has been made to recover the leeway in routine sampling.

The number and type of samples obtained by the public health inspectors is shown in detail in the report of the Medical Officer, but in addition twenty serious complaints were dealt with and the resultant action was as follows:-

Warnings to retailers or manufacturers .....	6
Legal proceedings instituted and fines and costs imposed. (excluding cases pending) .....	10

It would appear that the incidence of minor food complaints made to the department tend to increase, most of which however can be dealt with informally. Quite a number of these complaints are associated with inadequate stock rotation, and inspectors of the department make many visits to the larger stores in an endeavour to ensure that this procedure is as effective as possible. An investigation is at present being carried out nationally and it is likely that a system of stamping and coding of perishable pre-packed foodstuffs may become law in the not too distant future.



## Food Hygiene

Regular visits and inspections were carried out at all premises being used and in the preparation and sale of food, and generally a satisfactory standard of food hygiene was maintained. The ensuing table indicates the extant premises under the Food Hygiene (General) Regulations, 1960:-

Food Premises - Food Hygiene (General) Regulations, 1960

Category	Number of Premises	No. of Premises Complying with		Number of Premises to which Reg. 19 applies
		Regulation 16 (wash-hand basin)	Regulation 19 (Sinks)	
Grocers	54	53	54	54
Greengrocers and Fruiterers, etc.	28	20	28	28
Fishmonger	1	-	1	1
Butchers and Meat Shops	28	27	28	28
Bakers and Confectioners	21	19	21	21
Fried Fish Shops	12	11	12	12
Sugar Confectionery, (mainly)	40	37	38 *	39
Licensed Premises Clubs, Canteens, Restuarants, Cafes, School Meals, Hotels, Works Canteens, etc.	119	114	119	119
Totals	303	281	301	302

\* with the exception of two warehouses and four lock-ups, all sugar confectionery premises are small businesses attached to dwelling houses with wash-hand basins and sinks convenient to shop premises.

## Food Preparation and Manufacture

The number of premises subject to registration under the provision of the Urmston Urban District Council Act 1935 was thirty-two and included such businesses as fish frying, preparation of cooked meats, pies, sausages, etc. See table below.

A newly enlarged bakery in the central area came into production during the year and the department was very satisfied with facilities and production methods.

The examination of raw materials, the supervision of preparation, processing and incubation of completed containers and the ultimate certification of finished products for export were effectively carried out during the year by one of your inspectors at a local factory. European countries and America have latterly laid down stringent regulations controlling the import of canned foodstuffs and more time has had to be given over to inspection work on this account.

Type of Business	Legislation under which registration effected	Number at 31.12.70.
Manufacturers or dealer in ice-cream	Urmston U.D.C. Act 1935 Section 89	126
Fish Fryer	Urmston U.D.C. Act 1935 Section 87	12
Manufacturer of Sausages and cooked meats	- do -	20
Food Hawkers	Lancashire County Council (Rivers Board and General Powers) Act 1938 Section 115	15

## Cold Stores, Trafford Park

There has been a considerable increase in container traffic in and out of this store, and as the cargoes consist wholly of foodstuffs supervision and inspection has had to be intensified. Sampling and submission of samples of food for analysis was carried out as and when thought necessary.

## Production and Sale of Meat

As there is no slaughterhouse within the district, raw meat must of necessity be imported from adjacent areas. In general, the quality of meat retailed was good and gave no cause for concern.

The difficulties of a neighbouring authority, providing slaughtering facilities for a considerable area of the north western region, has been widely reported and are likely to assume national significance.

## Food Condemnation

Foodstuffs subject to voluntary surrender on account of unfitness were as follows:-

				Quantities		
				Tons	Cwt.	Lb.
Meat	...	...	...	-	11	55
Canned Meats	...	...		2	3	16
Other Canned Foods	...			23	14	5
Other Foods	...	...		7	7	61
Total				<u>33.</u>	<u>16</u>	<u>25</u>

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Refrigerator Breakdowns:	
Frozen Foods.....	5,083 packets

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Prolonged Storage Degeneration (Cold Store & Warehouses)	
46 Ctns.	Mixed Food.
484 Ctns.	Baby Food.
61 Ctns.	Jam & Fruit.

## Control of Milk Supplies

Results of tests carried out by the Public Health Laboratory on samples of milk obtained within the district all proved satisfactory. These examinations indicate the effectiveness of the heat treatment process, together with an assessment of the bacteriological condition of the samples.

Results of these tests are indicated below:-

BIOLOGICAL (T.B.)			METHYLENE BLUE			PHOSPHATASE			TURBIDITY		
No.	Pos.	Neg.	No.	Sat.	Unsat.	No.	Sat.	Unsat.	No.	Sat.	Unsat.
Nil	-	-	5	5	Nil	5	5	Nil	2	2	Nil

## Ice Cream

Six samples were obtained, which after examination were shown to be Grade 1.

## Container Base

Although the expansion of containerisation in the food industry has not been as rapid as was anticipated, food imports from Australasia and Europe have steadily increased, and the inspection of these consignments has made considerable demands on the staff of the department.

It is understood that trade with the Far and Middle Eastern countries may soon be in operation, in which case, and dependant on the flow and volume of food imports, it could become necessary to second one inspector full time to this work.



## ATMOSPHERIC POLLUTION

### Domestic

It is expected that as from June 1st, 1971 there will be nine operative smoke control areas within the urban district, affecting a total of 12,624 premises and 2,649 acres. Smoke Control Area No. 10 becomes operative on the 1st October, 1971 and this will add a further 1,917 premises and 569 acres to the operative areas within the district.

The final Area, No. 11, is under survey and will be considered by the Health and Housing Committee in the near future. There are approximately 1,170 premises and 250 acres in this area.

As was anticipated last year, the position with regard to supply of solid smokeless fuel became acute toward the end of the period, and after much heart searching and considerable outside pressure, the Council very reluctantly decided to suspend Smoke Control Orders 1 and 2 as from the 1st January to the 30th April, 1971. From information received there is however every reason to expect that the supply of reactive fuel will be so much improved in the forthcoming year that no householder should have any difficulty in obtaining necessary supplies - subject only to an ability to pay astronomically high prices.

### Industrial

Forty-seven contraventions of clean air legislation were dealt with during the year and twenty-three applications for the prior approval of new boiler plant and chimney installations were received and approved.

Earlier in the year highly dangerous quantities of sulphuric acid gas were discharged by a large chemical producer in the Trafford Park area and could well have had disastrous consequences. Fortunately, the matter was promptly dealt with and the then unsatisfactory methods employed by the Company to dispose of unstable compounds have now been radically modified.

Continuous readings taken from three monitoring sites now functioning in the area reveal that the level of pollution from distinct sources held steady over the period, but an increase in pollutants entering the district from the south-west underlines the increasing industrial activity in neighbouring authorities.



ESTIMATION OF DEPOSITED MATTER

Tons per square mile per month  
1969/1970

Month	Bowfell Road Flixton		Ashburton Chemical Works Trafford Park	
	1969	1970	1969	1970
January ...	14.46	6.38	37.70	16.69
February ...	14.53	8.54	30.30	22.08
March ...	20.84	14.23	24.15	19.61
April ...	20.46	9.08	29.07	15.61
May ...	17.15	20.00	24.54	17.31
June ...	18.00	9.92	19.46	10.92
July ...	10.23	8.31	19.43	15.85
August ...	18.03	9.31	18.84	16.23
September...	12.61	8.08	24.92	17.61
October ...	9.77	7.85	25.39	18.61
November ...	20.00	14.92	38.23	14.00
December ...	10.00	7.23	26.53	17.15

ESTIMATION OF SULPHUR DIOXIDE  
expressed as mgms SO<sub>3</sub>/day/100 cm<sup>2</sup>  
Monthly Results 1969/1970

Month	Bowfell Road		Sewage Works Davyhulme		Barton Power Station	
	1969	1970	1969	1970	1969	1970
January ...	1.60	2.1	2.60	3.3	4.30	5.1
February ...	2.70	1.8	4.20	2.5	5.30	4.7
March ...	4.40	1.8	4.90	2.7	4.80	4.1
April ...	1.50	1.3	2.40	2.1	4.60	4.3
May ...	1.30	1.4	2.20	2.2	4.30	3.9
June ...	0.70	1.5	1.40	2.6	2.70	3.2
July ...	0.50	0.45	0.80	0.9	1.10	3.4
August ...	0.70	0.9	1.20	1.8	1.60	2.5
September...	1.10	0.6	1.80	1.4	4.00	2.4
October ...	1.00	0.9	1.50	2.0	3.40	3.1
November ...	1.60	1.2	2.50	2.3	3.90	3.1
December ...	1.90	1.6	3.20	2.2	4.20	3.1

DAILY MEASUREMENT OF SMOKE AND SO<sub>2</sub>

Expressed as Microgrammes per Cubic Metre  
1970

1. Site: Brooke Bond Oxo Ltd., Trafford Park (New Site)

Month	Smoke			Sulphur Dioxide		
	A	H	L	A	H	L
January	-	-	-	-	-	-
February	90	128	72	- *	- *	- *
March	139	332	44	- *	- *	- *
April	96	156	48	202	280	108
May	67	168	24	174	255	94
June	27	48	12	148	213	74
July	31	56	12	144	293	76
August	57	152	16	139	264	64
September	33	68	4	183	267	103
October	79	252	4	242	389	113
November	80	336	-	234	402	138
December	155	676	16	256	628	77

A = Average

H = Highest

L = Lowest

\* No SO<sub>2</sub> Readings Available for this Period

New Site Commenced February, 1970.

# DAILY MEASUREMENT OF SMOKE AND SO<sub>2</sub>

Expressed as Microgrammes per Cubic Metre  
1969/1970

2. Site: Public Health Department, Urmston.

Month	Smoke						Sulphur Dioxide					
	A (a)	A (b)	H (a)	H (b)	L (a)	L (b)	A (a)	A (b)	H (a)	H (b)	L (a)	L (b)
January	142	177	516	724	40	48	137	- *	372	- *	43	- *
February	208	117	712	384	44	28	240	- *	700	- *	61	- *
March	286	104	348	284	100	12	218	- *	502	- *	99	- *
April	111	55	316	152	4	16	126	99	279	134	37	50
May	47	32	116	88	4	-	81	124	208	409	43	23
June	- +	35	- +	76	- +	4	- +	124	- +	278	- +	35
July	- +	20	- +	44	- +	8	- +	42	- +	114	- +	11
August	50	41	104	116	8	8	30	97	92	249	6	23
September	60	35	148	156	4	-	- *	75	- *	201	- *	23
October	99	72	392	288	4	-	- *	103	- *	362	- *	22
November	123	82	384	316	28	4	- *	122	- *	260	- *	57
December	212	97	616	224	4	40	- *	150	- *	294	- *	57

A = Average  
H = Highest  
L = Lowest

(a) = 1969  
(b) = 1970

+ Site Closed due to Electrical Installations

\* No SO<sub>2</sub> Readings Available for this Period

DAILY MEASUREMENT OF SMOKE AND SO<sub>2</sub>

Expressed as Microgrammes per Cubic Metre  
1970

3. Site: Flixton House, Flixton (New Site)

Month	Smoke			Sulphur Dioxide		
	A	H	L	A	H	L
January	141	612	40	- *	- *	- *
February	86	336	16	- *	- *	- *
March	123	256	40	- *	- *	- *
April	65	168	32	58	155	12
May	40	84	8	71	199	18
June	14	32	-	88	187	12
July	9	24	-	18	49	-
August	39	116	8	59	153	18
September	20	64	4	41	124	12
October	57	212	-	79	204	18
November	52	248	-	84	189	12
December	99	336	16	115	421	38

A = Average

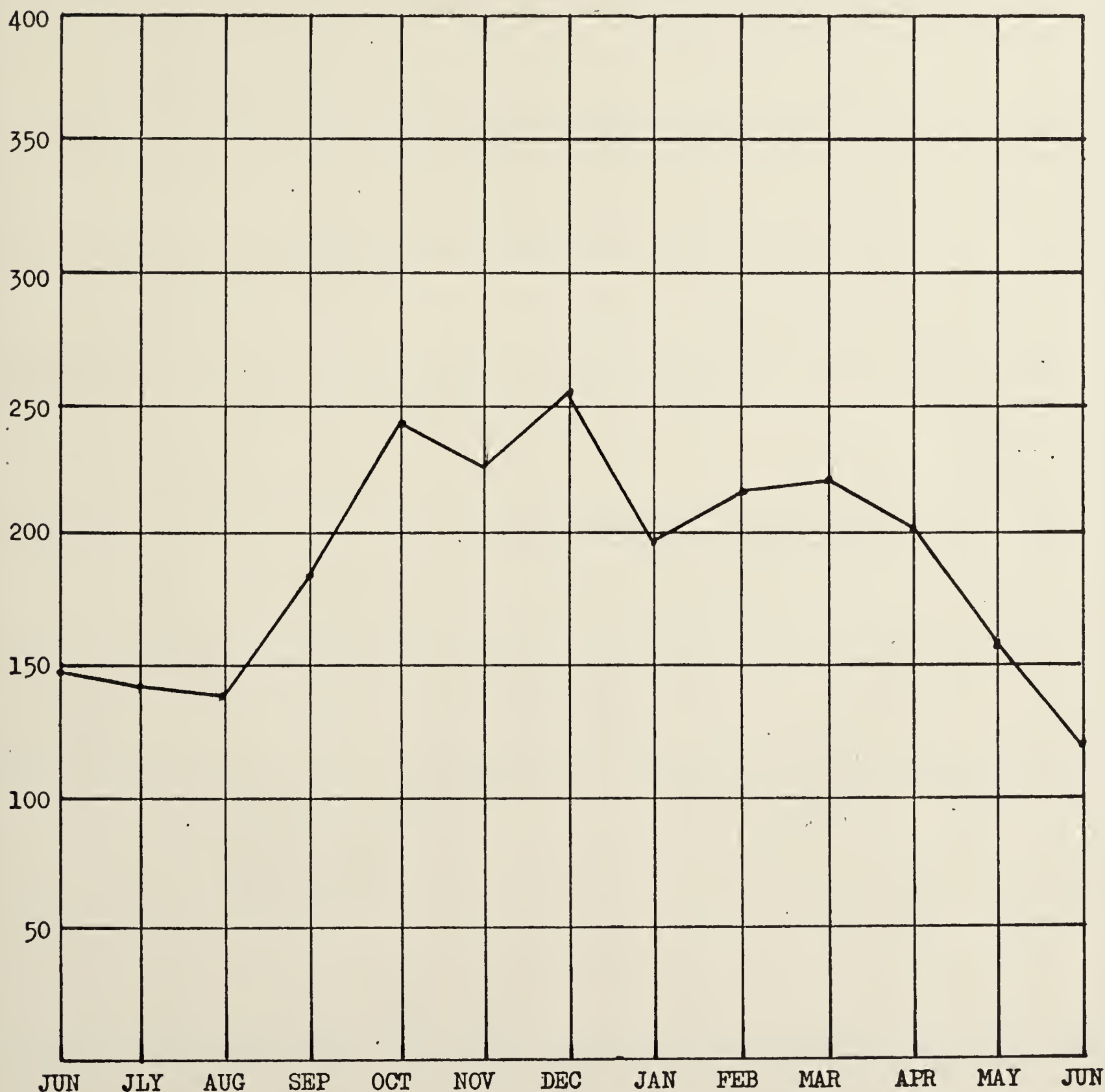
H = Highest

L = Lowest

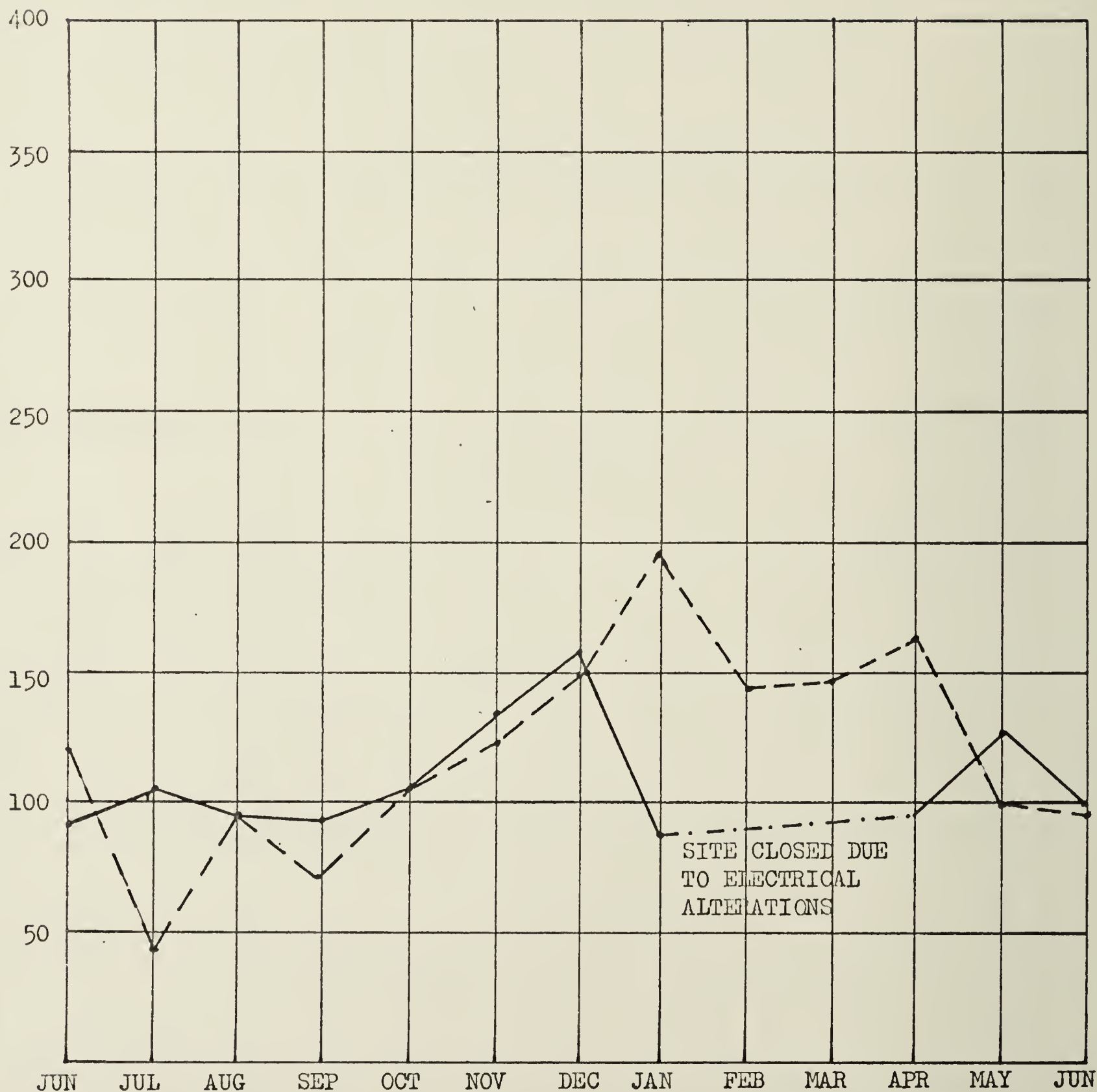
\* No SO<sub>2</sub> Readings Available for this Period



SULPHUR DIOXIDE CONCENTRATION  
AVERAGE FIGURES FOR EACH MONTH  
SHOWN IN MICROGRAMMES PER CUBIC METRE  
READING TAKEN FROM VOLUMETRIC APPARATUS SITUATED  
AT BROOKE BOND OXO LTD. TRAFFORD PARK ROAD TRAFFORD PARK (NEW SITE)



SULPHUR DIOXIDE CONCENTRATION  
AVERAGE FIGURES FOR EACH MONTH  
SHOWN IN MICROGRAMMES PER CUBIC METRE  
READING TAKEN FROM VOLUMETRIC APPARATUS SITUATED  
AT URMSTON PUBLIC HEALTH DEPARTMENT



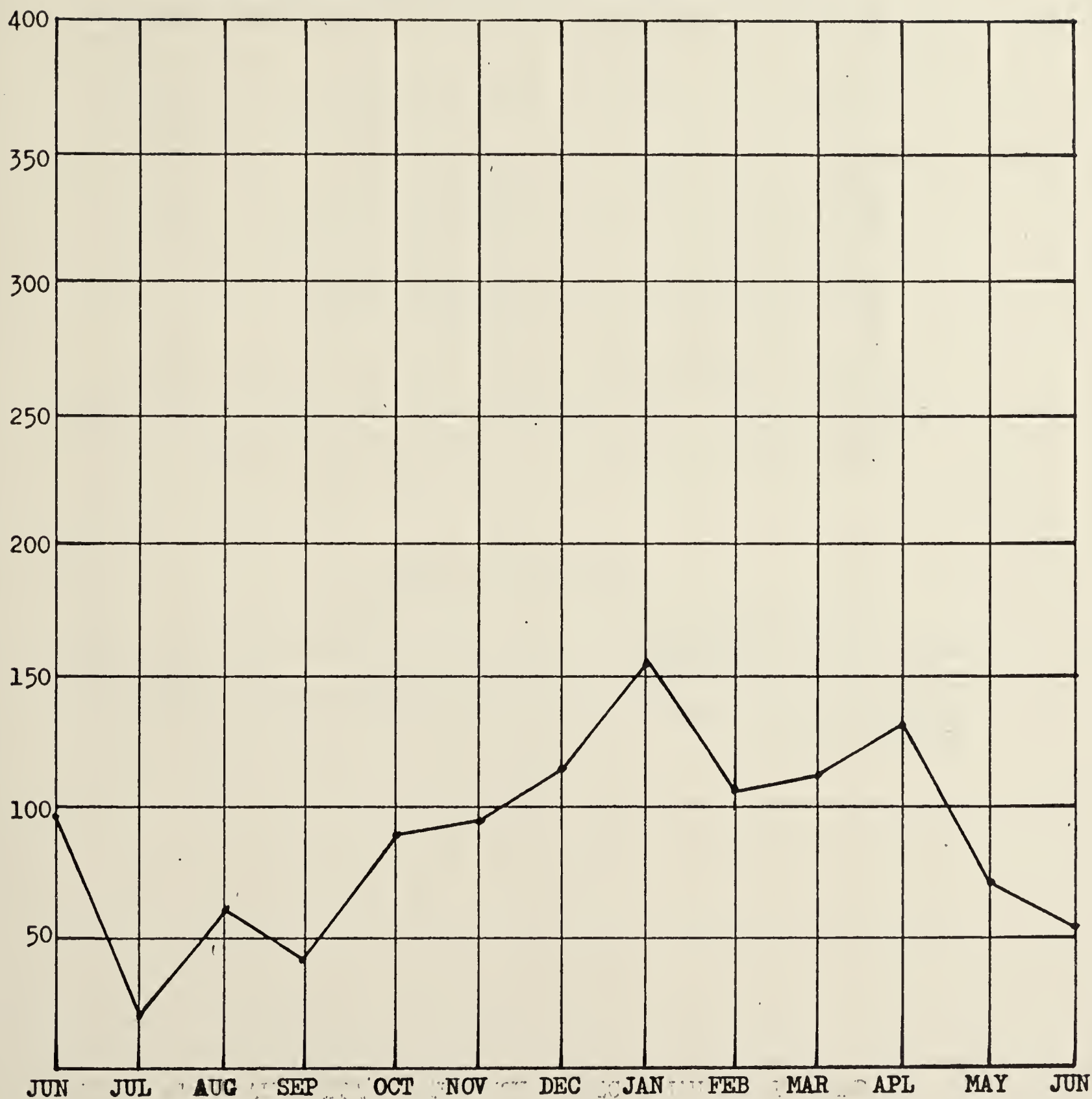
KEY

———— 1969 - 70  
 - - - - 1970 - 71

SULPHUR DIOXIDE CONCENTRATION  
AVERAGE FIGURES FOR EACH MONTH

SHOWN IN MICROGRAMMES PER CUBIC METRE

READING TAKEN FROM VOLUMETRIC APPARATUS SITUATED  
AT FLIXTON HOUSE FLIXTON ROAD FLIXTON (NEW SITE)



### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Visits and inspections made in this connection totalled five, details are as follows:-

Premises registered during the year 1970....	Nil
Total registered premises at end of 1970....	347
Number of registered premises receiving general inspection during 1970.....	5
Total number of persons employed.....	1,507
Number of visits of all kinds by inspectors to registered premises.....	5
Number of premises in which contraventions were found and occupiers informed.....	Nil
Number of premises found to be satisfactory in all respects.....	Nil
Total number of contraventions.....	Nil

There were two accidents reported during the year.

### INFECTIOUS DISEASES

As in the previous year little of significance came to the notice of the department. Cases notified were minimal and these largely gastro-intestinal troubles. The public health inspectors carried out all enquiries necessary under the direction of the Medical Officer.



## DISINFECTION, DISINFESTATION AND RODENT CONTROL

The public of Urmston continue to make considerable use of the full service provided by the department in the control of insect pests. All the usual infestations were dealt with effectively together with a number of cases which could only be described as rare, either because of the pest or situation of the infestation.

Feral pigeons caused considerable concern in various parts of the area. In their suppression the rodent officer had not inconsiderable success with both traps and narcotic bait - the latter being used with permission and under the supervision of an officer of the Ministry of Agriculture, Fisheries and Food.

The destruction of rats and mice again proved to be a service of considerable importance to the public at large. Although large infestations were unusual, many cases of individual rats in the vicinity of house property were reported and dealt with. Resistance in rodents to the usual poisons would appear to be becoming more common, this particularly applying in the case of mice.

### Rodent Control

Properties other than Sewers		Type of Property	
		Non- Agricultural	Agricultural
1.	Number of properties in district.....	16362	13
2.(a)	Total number of properties (including nearby premises) inspected following notification.....	327	1
(b)	Number infested by		
	(i) Rats.....	125	1
	(ii) Mice.....	151	Nil
3.(a)	Total number of properties inspected for rats and/or mice for reasons other than notification.....	65	12
(b)	Number infested by		
	(i) Rats.....	9	Nil
	(ii) Mice.....	Nil	Nil



SHOPS ACTS 1950-1965

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

The district public health inspectors, each responsible in his own district for the effective day to day operation of the foregoing enactments, continued to give close attention to the inspectorial work involved. As these two statutes are complementary to each other, there is some saving in both time and effort in administration.

FACTORIES ACT, 1961

Details of this work are to be found in the report of the Medical Officer of Health.

PUBLIC CONVENIENCES

With the development of the Urmston Centre Shopping Precinct it was thought necessary to provide additional conveniences for the use of the public frequenting the area. A modern block, including the latest and best fitments available, together with provision for the disabled, is nearing completion, and the Council have resolved to make these facilities available to the general public on the 1st October, 1971.

In order to safeguard the building from the depredations of vandals, the Health Committee agreed to full time staffing and supervision from the date of opening.

Sites and facilities at present provided for public use are as follows:-

Site	Males			Females	
	W.C.s	Urinals	Washing Facilities	W.C.s	Washing Facilities
Atkinson Road	2	6	Hot & Cold water	3	Hot & Cold water
Church Road	2	2	None	3	None
Davyhulme Circle	2	3	None	3	Cold Water only
Flixton Village	1	3	Hot & Cold water	2	Hot & Cold water
Moorside Road	1	1	Cold Water only	2	Hot & Cold water
Mosley Road (Trafford Park)	1	3	None	2	Cold Water only
Tenax Road (Trafford Park)	1	3	None	1	None
Woodsend Park	1	3	Cold Water only	2	Hot & Cold water

### SCRAP METAL DEALERS ACT, 1964

Three persons are now registered with the Council as scrap metal dealers. The remaining provisions of this Act are enforceable by the police.

### PUBLIC SWIMMING BATHS

In order to ensure the fitness of water in the plunge for public bathing, samples were obtained at regular intervals during the year and submitted for bacteriological examination and chemical analysis. The reports showed that chlorination and filtration were adequate although there were some signs of fall off in the efficiency of the filters in times of maximum load. In order to rectify this the Council resolved to completely renew the filtration plant in the forthcoming year.

### PETROLEUM (CONSOLIDATION) ACTS 1928 AND 1936

In the review period sixty-four licences in relation to the storage of 911,550 gallons of petroleum spirit and one licence covering the keeping of 112,000 lb. of calcium carbide were issued.

All licensed premises are inspected at intervals, the frequency depending on the type of installation. No circumstance arose which calls for special comment.

## PUBLIC CLEANSING

### General

The serious inflationary trend and industrial discontent evident throughout the whole economy and spreading through both private and public sectors, involved the department during the year. The strike of dustbinmen and withdrawal of labour late in 1969 caused serious dislocation in the service which continued into the present year, and although the Urmston district probably suffered less than most authorities the inconvenience sustained by residents was most regrettable.

Whilst in general the service was maintained throughout the year at a reasonable level of efficiency, vandalism and fire-raising involving the department's land and property constantly caused set-backs, in one weekend alone a comparatively new bulldozer, costing thousands of pounds, was literally wrecked. Largely on account of this incident, entailing phenomenally high repair costs, the Committee decided to carry out the work of levelling and maintenance of the refuse tip by private contract.

Bulk containers have been provided and sold during the year, this method of conserving commercial waste until collection is effected has much to commend it and will undoubtedly grow with the passage of time.

### Salvage

The warning signals of industrial stagnation which were discernible early in the year became more pronounced with the passage of time. The Board and Paper industry, one of the most sensitive industrial barometers, ran into a period of recession and in consequence the demand for waste paper and cardboard, the industry's raw material, was at a low ebb. The department, because of long term contracts, have been enabled to dispose, with difficulty, of waste paper collected, but there is some apprehension as to future price levels.



## Regional Refuse Disposal

With the advent of Local Government re-organisation, it appears to have become inevitable that this service is to be regionalised. There is much to be said in favour of such a course when taking a wide view, but districts such as our own will undoubtedly have to pay a great deal more for the disposal of waste material in the future.

## Industrial Waste

During the period under review the Health Committee decided, largely because of complaints from residents regarding traffic conditions near and on the approach road to the tip, to place a complete ban on the tipping of industrial waste on the Meadows. This decision has caused considerable disturbance amongst industrialists in Trafford Park, but in general have accepted it with good grace.

## Civic Amenities Act 1967

Every effort has been made to give facilities to local residents to dispose of unwanted materials, garden refuse, etc. Besides allowing the tipping of refuse during ordinary working hours and on Saturday mornings, the disposal point was open on Mondays and Thursdays until 8.0.p.m.

One would imagine that when the Council made such efforts to provide facilities, the public would respond, but unfortunately certain people appear to delight in causing as much nuisance and disruption as possible, for instead of using the tipping face, dump refuse all along access roads and literally blocking the gates each weekend. Further, any spare ground in the district is still apparently regarded as fair game to these mean spirited individuals. This is an offence for which offenders will be dealt with most strenuously in any case where sufficient evidence of identity and unlawful action can be secured.

## Departmental Transport

Motor transport operated by the department is as under:-

One S.D. 16 cubic yards Fore & Aft Rear-loader.....	1960
One S.D. 16 cubic yards Fore & Aft Rear-loader.....	1962
One S.D. 16 cubic yards Fore & Aft Rear-loader.....	1964
One Dennis Paxit IIIA 25/40 cubic yards.....	1966
One Dennis Paxit IIIA 25/40 cubic yards.....	1967
One Austin Luton-type Van.....	1968
One S.D.35 cubic yards Pakamatic.....	1969
One S.D.35 cubic yards Pakamatic fitted with bulk lifiting equipment.....	1970
One Morris Mini Van.....	1966 *

\* The latter vehicle is for the use of personnel  
of the Public Health Department as a whole.



Item	Particulars	Collection	Disposal	Totals
		£.	£.	£.
1	<u>REVENUE ACCOUNT</u> GROSS EXPENDITURE: (i) Labour (ii) Transport (iii) Plant, equipment and buildings (iv) Other items  (v) Total gross expenditure	32908 23532 3517 97	4676 2297 10239 80	37584 25829 13756 177
2	GROSS INCOME	60054	17292	77346
3	NET COST	1061	10970	12031
4	Capital expenditure met from revenue (included above)	58993	6322	65315
		-	1500	1500
	<u>UNIT COSTS</u> Gross cost per ton, labour only Gross cost per ton, transport only Net cost (all expenditure) per ton Net cost per 1,000 population Net cost per 1,000 premises	£. 1.254 0.897 2.248 1354.293 3691.446	£. 0.178 0.087 0.241 145.133 395.595	£. 1.432 0.984 2.489 1499.426 4087.041

# SALVAGE RESULTS 1940 - 71

Year Ending	Waste Paper		Kitchen Waste		Textiles		Metals		Bottles, Jars Cullet, Etc.		Miscel- laneous		Totals	
	Weight Tons	Value £	Weight Tons	Value £	Weight Tons	Value £	Weight Tons	Value £	Weight Tons	Value £	Weight Tons	Value £	Weight Tons	Value £
31st March (1940 to 1950)	4043	24382	3038	5164	238	2789	692	1854	257	877	112	643	8380	35709
1951	437	3193	305	838	14	228	27	119	3	15	3	23	789	4416
1952	495	8005	252	745	16	538	25	197	-	-	3	22	791	9507
1953	480	4052	215	718	21	397	42	258	-	-	2	18	760	5443
1954	458	3130	208	800	20	354	22	163	-	-	1	11	709	4458
1955	486	3480	-	-	23	426	34	240	-	-	2	14	545	4160
1956	518	4300	-	-	22	486	36	160	-	-	1	13	577	4959
1957	508	4009	-	-	25	578	46	282	-	-	1	10	580	4879
1958	483	3926	-	-	18	417	28	205	-	-	1	11	530	4559
1959	475	3801	-	-	24	368	4	56	-	-	1	7	504	4232
1960	481	3799	-	-	22	319	2	25	-	-	1	4	506	4147
1961	470	3728	-	-	20	258	1	4	-	-	1	4	492	3994
1962	501	4254	-	-	19	239	1	14	-	-	1	5	522	4512
1963	626	5178	-	-	21	313	-	-	-	-	1	1	648	5492
1964	682	5669	-	-	20	270	-	-	-	-	-	-	702	5939
1965	699	6004	-	-	20	310	-	-	-	-	1	4	720	6318
1966	716	6571	-	-	7	97	-	-	-	-	-	-	723	6668
1967	1012	9275	-	-	-	-	-	-	-	-	-	-	1012	9275
1968	916	7857	-	-	-	-	-	-	-	-	-	-	916	7857
1969	809	7315	-	-	-	-	-	-	-	-	-	-	809	7315
1970	691	6958	-	-	-	-	-	-	-	-	-	-	691	6958
1971	576	6141	-	-	-	-	-	-	-	-	-	-	576	6141
														156938
							Add Salvage Collection Allowances 1945-50							1294
Totals	16562	135027	4018	8265	550	8387	960	3577	260	892	132	790	21791	158232

SALVAGE INCOME FOR YEAR ENDED 31ST MARCH

1940 - 1971

